

REMARKS

Claims 1-24 were pending in this application.

Claims 1-24 have been rejected.

No claims have been amended.

Claims 1-24 remain pending in this application.

Reconsideration and full allowance of Claims 1-24 are respectfully requested.

I. REJECTION UNDER 35 U.S.C. § 102

The Office Action rejects Claims 1-24 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent Publication No. 2002/0052227 to Yamatani (“*Yamatani*”). This rejection is respectfully traversed.

A prior art reference anticipates the claimed invention under 35 U.S.C. § 102 only if every element of a claimed invention is identically shown in that single reference, arranged as they are in the claims. (*MPEP* § 2131; *In re Bond*, 910 F.2d 831, 832, 15 U.S.P.Q.2d 1566, 1567 (Fed. Cir. 1990)). Anticipation is only shown where each and every limitation of the claimed invention is found in a single prior art reference. (*MPEP* § 2131; *In re Donohue*, 766 F.2d 531, 534, 226 U.S.P.Q. 619, 621 (Fed. Cir. 1985)).

Yamatani recites a portable telephone terminal that provides power from a series power supply in one state and from a DC/DC converter in another state. (*Abstract*). The terminal includes an analog unit 5 and a digital unit 6. (*Page 2, Par. [0017]*). The analog unit 5 includes an RF unit 21 for transmitting and receiving RF signals. (*Page 2, Par. [0019]*). The analog unit

5 also includes a modulator-demodulator unit 22 that modulates outgoing signals and extracts desired signals from incoming signals. (*Page 2, Par. [0019]*). In addition, the analog unit 5 includes an audio processing unit 23 that processes audio signals for telephone calls. (*Page 2, Par. [0019]*). The digital unit 6 includes a CPU 31 for controlling the terminal and a DSP 32 for processing various digital signals related to transmission and reception. (*Page 2, Par. [0021]*). The terminal also includes a switch selector 4 for coupling the digital unit 6 to either a series power supply unit 2 or a DC/DC converter 3. (*Page 2, Par. [0017]*).

Claim 1 recites a “baseband section” and a “power-saving apparatus capable of determining that said baseband section is idle and, in response to said determination, reducing a power supply voltage providing power to said baseband section.”

The Office Action relies on the RF unit 21 of *Yamatani* as anticipating the “baseband section” recited in Claim 1. (*Office Action, Page 3, Second paragraph*). The Office Action also relies on the switch selector 4 and the digital unit 6 of *Yamatani* as anticipating the “power-saving apparatus” recited in Claim 1. (*Office Action, Page 3, Third paragraph*). Because of this, the Office Action must show that the switch selector 4 and the digital unit 6 of *Yamatani* determine when the RF unit 21 is idle and reduce a power supply voltage providing power to the RF unit 21 based on that determination. The Office Action fails to make this showing.

Yamatani simply recites that the switch selector 4 couples the digital unit 6 to one of two different sources of power (series power supply unit 2 or DC/DC converter 3). It is the digital unit 6 in *Yamatani*, not the RF unit 21, that can receive power from one of these two sources. *Yamatani* lacks any mention of coupling the RF unit 21 to different sources of power or

otherwise altering a power supply voltage supplying power to the RF unit 21. In fact, *Yamatani* clearly recites that the analog unit 5 (which includes the RF unit 21) is coupled directly to a battery 1 and receives power from the battery 1. (*Page 2, Par. [0017]*).

The Office Action fails to establish that any component of *Yamatani* determines when the RF unit 21 is idle and reduces a power supply voltage providing power to the RF unit 21. As a result, the Office Action fails to establish that *Yamatani* anticipates a “power-saving apparatus capable of determining that [a] baseband section is idle and, in response to said determination, reducing a power supply voltage providing power to said baseband section” as recited in Claim 1.

For these reasons, the Office Action fails to establish that *Yamatani* anticipates the Applicants’ invention as recited in Claim 1 (and its dependent claims).

Claim 13 recites “determining that [a] baseband section is idle” and “reducing a power supply voltage providing power to the baseband section” based on that determination, where the baseband section includes “baseband circuitry for receiving and processing [an] incoming baseband signal and generating [an] outgoing baseband signal.”

As described above, the Office Action fails to establish that any component of *Yamatani* determines when the RF unit 21 is idle and reduces a power supply voltage providing power to the RF unit 21. As a result, the Office Action fails to establish that *Yamatani* anticipates these elements of Claim 13.

For these reasons, the Office Action fails to establish that *Yamatani* anticipates the Applicants’ invention as recited in Claim 13 (and its dependent claims).

Accordingly, the Applicants respectfully request withdrawal of the § 102 rejection and full allowance of Claims 1-24.

II. CONCLUSION

As a result of the foregoing, the Applicants assert that the claims in this application are in condition for allowance and respectfully request an early allowance of such claims.

SUMMARY


If any issues arise, or if the Examiner has any suggestions for expediting allowance of this application, the Applicants respectfully invite the Examiner to contact the undersigned at the telephone number indicated below or at *wmunck@davismunck.com*.

The Commissioner is hereby authorized to charge any additional fees connected with this communication (including any extension of time fees) or credit any overpayment to Davis Munck Deposit Account No. 50-0208.

Respectfully submitted,

DAVIS MUNCK, P.C.

Date: Dec. 30, 2004



William A. Munck
Registration No. 39,308

P.O. Drawer 800889
Dallas, Texas 75380
(972) 628-3600 (main number)
(972) 628-3616 (fax)
E-mail: *wmunck@davismunck.com*